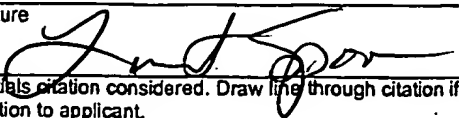


Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement          by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06666-107001	Application No. 09/854,327
	Applicant Daniel Marcu		
	Filing Date May 11, 2001	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
LS	AA	5,477,451	12/19/95	Brown et al.			
LS	AB	5,761,631	6/2/98	Nasukawa			
LS	AC	5,805,832	9/8/98	Brown et al.			
LS	AD	5,903,858	5/11/99	Saraki			
LS	AE	5,991,710	11/23/99	Papineni et al.			
LS	AF	6,205,456 B1	3/20/01	Nakao			

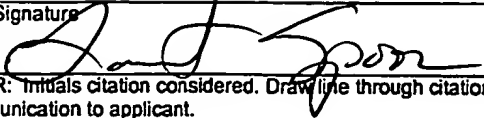
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG							
	AH							
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LS	AJ	Sumita et al., "A discourse structure analyzer for Japanese text," <i>Proceedings of the International Conference on Fifth Generation Computer Systems</i> , vol. 2, pp. 1133-1140 (1992)
LS	AK	Kurohashi et al., "Automatic detection of discourse structure by checking surface information in sentences," <i>proceedings of COL-ING '94</i> , vol. 2, pp. 1123-1127 (1994)
LS	AL	Marcu, "The rhetorical parsing of natural language texts," <i>Proceedings of ACL/EACL '97</i> , pp. 96-103 (1997)
LS	AM	Corston-Oliver, "Beyond string matching and cue phrases: Improving efficiency and coverage in discourse analysis," <i>The AAAI Spring Symposium on Intelligent Text Summarization</i> , pp. 9-15 (1998)
LS	AN	Miike et al., "A full-text retrieval system with a dynamic abstract generation function," <i>Proceedings of SI-GIR '94</i> , pp. 152-161 (1994)
LS	AO	Marcu, "Discourse trees are good indicators of importance in text," <i>Advances in Automatic Text Summarization</i> , The MIT Press (1999)
LS	AP	Marcu, "Instructions for Manually Annotating the Discourse Structures of Texts", Discourse Annotation, pp. 1-49, May 18, 1999
LS	AQ	Marcu, "The Rhetorical Parsing, Summarization, and Generation of Natural Language Texts", Ph.D. Thesis, University of Toronto (1998)
LS	AR	Brown et al., "The Mathematics of Statistical machine Translation: Parameter Estimation", <i>Computational Linguistics</i> , Vol. 19, No. 2, pp. 263-311 (June 1993)

Examiner Signature 	Date Considered 8/30/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Applicant Daniel Marcu		
	Filing Date May 11, 2001	Group Art Unit	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LS	AS	Jelinek, "Fast Sequential Decoding Algorithm Using a Stack", <i>IBM J. Res. Develop.</i> , Vol. 13, No. 6, pp. 675-685, November 1969
LS	AT	Knight, "Decoding Complexity in Word-Replacement Translation Models", <i>Computational Linguistics</i> , Vol. 25, No. 4, pp. 607-615 (December 1999)
LS	AU	Monasson et al., "Determining computational complexity from characteristic 'phase transitions'", <i>Nature</i> , Vol. 400, pp. 133-137 (July 1999)
LS	AV	Selman et al., "A New Method for Solving Hard Satisfiability Problems", <i>Proceedings of the Tenth National Conference on Artificial Intelligence</i> , pp. 440-446 (July 1992)
LS	AW	Tillmann et al., "A DP based Search Using Monotone Alignments in Statistical Translation", in <i>Proc. ACL</i> , pp. 289-296 (1997)
LS	AX	Wang et al., "Decoding Algorithm in Statistical Machine Translation", in <i>Proc. ACL</i> , pp. 366-372 (1996)
LS	AY	Wu et al., "A Polynomial-Time Algorithm for Statistical Machine Translation", in <i>Proc. ACL</i> , pp. 152-158 (1996).

Examiner Signature 	Date Considered 8/30/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Applicant Daniel Marcu			
	Filing Date May 11, 2001		Group Art Unit 2644	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AB						
	AC						
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	AF						
	AG						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
LS	AH	0715265A2	June 5, 1996	EP				
LS	AI	0469884A2	Feb 5, 1992	EP				
	AJ							
	AK							
	AL							

**Other Documents (include Author, Title, Date, and Place of Publication)**

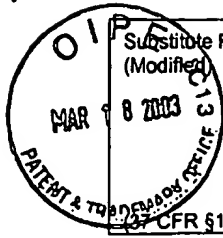
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LS	AM	Marcu, "Building Up Rhetorical Structure Trees", Proceedings of the National Conference on Artificial Intelligence and Innovative Applications of Artificial Intelligence Conference, Vol. 2, August 4, 1996, pp. 1069-1074
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	AO	
	AP	

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 Substitute Form PTO-1449  
(Modified)

 U.S. Department of Commerce  
Patent and Trademark Office

 Attorney's Docket No.  
06666-107001

 Application No.  
09/854,327

**Information Disclosure Statement  
by Applicant**  
(Use several sheets if necessary)

37 CFR §1.98(b)

 Applicant  
Daniel Marcu

 Filing Date  
May 11, 2001

 Group Art Unit  
2644

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AB						
	AC						
	AD						
	AE						

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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
LS	AF	0933712A2	Aug 4, 1999	EP				
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	AH							
	AI							
	AJ							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
LS	AK	Witbrock, et al., "Ultra-summarization: A Statistical Approach to Generating Highly Condensed Non-Extractive Summaries", <u>Proceedings of SGIR '99, 22<sup>nd</sup> International Conference on Research and Development in Information Retrieval</u> , <u>Proceedings of 22<sup>nd</sup> International ACM SIGIR Conference on Research and Development in Information Retrieval</u> , Berkeley, CA, USA, August 1999, pp. 315-316
	AL	
	AM	
	AN	

Examiner Signature

Date Considered

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